



GOVERNMENT OF INDIA

OFFICE OF DIRECTOR GENERAL OF CIVIL AVIATION

TECHNICAL CENTRE, OPP. SAFDARJUNG AIRPORT, NEW DELHI

**CIVIL AVIATION REQUIREMENTS
SECTION 7 – FLIGHT CREW STANDARDS
TRAINING AND LICENSING**

SERIES 'I' PART V

28th July 1999

EFFECTIVE: FORTHWITH

Subject: Criteria for approval of Chief Flight Instructor and Flight Instructor Incharge for Flying Training Institutes

1. INTRODUCTION

In order to standardise the flying training activities in the flying training institutes / clubs / schools engaged in ab-initio flying training (Aeroplanes) for grant of pilots' Licences, this **Civil Aviation Requirement lays down the minimum requirements for approval of Chief Flight Instructor (CFI) and Flight Instructor Incharge (FII) of the Institutes**. This CAR is issued under the provisions of Rule 133A of the Aircraft rules, 1937 for the purpose specified in Schedule II of the said Rules. All previous circulars and guidelines issued on the subject stand cancelled.

2. GENERAL REQUIREMENTS

- 2.1 The flying training institute/ club/ school seeking approval of a pilot as CFI/ FII shall make an application to DGCA (Attn: Directorate of Training and Licensing) giving all necessary details in accordance with Appendix I.
- 2.2 The Flight Instructor seeking approval as CFI / FII should be free from prejudices and capable of recording fair assessment of the trainee pilots.
- 2.3 The Flight Instructor should have a flying record, free of any accident/incident attributable to his proficiency in handling any type of

aircraft during the preceding five years for accident and three years in case of incidents. In case of Qualified Flight Instructor (QFI) in Defence forces, the records duly authenticated from the Defence office where the QFI last functioned to be enclosed with the application.

2.4 Minimum experience requirements for CFI and FII

2.4.1 The Flight instructor seeking approval as FII should have exercised the privileges of his Flight Instructor Rating (A) for at least one year under an approved CFI / FII in a Civil Flying Training Institute in the country. In case of QFI from Defence forces, he should have supervised the flying training in a civil flying training Institute for at least six months under supervision of CFI/FII.

2.4.2 The Flight instructor seeking approval as CFI should have exercised the privileges of FII for at least one year.

2.5 The Flight Instructor in addition to the requirements above should have sent at least 10 pupil pilots on their first solo flight in an approved Civil Flying Training Institute. When a Flight Instructor (A) rating holder had been a Qualified Flight Instructor (QFI) in Defence Forces he should have released at least 20 pupil pilots on first solo on ab-initio trainer aircraft exercising the privilege of QFI in the Defence Flying Institutes and in addition released a minimum 2 Pupil Pilots on their solo flights in a Civil Flying Institute.

2.6 The Flight Instructor should possess the following valid licences/ rating:

i) CPL/SCPL/ALTP (Aeroplane) Licence.

ii) Flight instructor's Rating (A).

iii) FRTO.

iv) Instrument Rating.

Any one of the above licence/ rating not valid, will disqualify the applicant for approval as CFI/FII, while in case of serving CFI/FII will render them ineligible to discharge the function of CFI/FII.

2.7 The Flight Instructor seeking the approval as CFI / FII and meeting the requirement of this CAR

i) Shall undergo an oral test by a Board in the office of the DGCA consisting of three members as constituted by DGCA from time to time.

OR

ii) Shall attend and pass the Ground Refresher course conducted at IGRUA or any other Institute approved by DGCA for the purpose.

2.7.1 In the case of Board, it shall prepare a report, which shall be signed by all the members for assessing the applicant for his fitness to perform as Chief Flight Instructor (CFI) / Flight Instructor In - charge (FII).

2.7.2 Director General / Joint Director General on the basis of the Board's report/ result of Ground Refresher course may grant approval as CFI / FII in case the performance of the pilot is satisfactory.

2.7.3 The pilots approved as CFI / FII for the first time shall be checked by the DGCA appointed / approved Examiners or FOI for the purpose, before they are released to act as CFI / FII.

2.8 When a CFI / FII changes from one institute to another, he can be approved in the same capacity for the new institute without undergoing the oral examination by the DGCA board, if the scope of training activities of the new institute is not higher than that of the institute for which the CFI/ FII was approved.

Note : **In case a CFI / FII has not exercised the privileges of his rating for a period exceeding two years, he has to undergo an oral test by a Board as prescribed in para 2.7 above, after undergoing a ground refresher course conducted at IGRUA or any other Institute approved by DGCA for the purpose.**

2.9 CFI / FII approval may be suspended or withdrawn by DGCA, if he is found lacking in any of the requirements, serious safety violations or if found unfit in any other manner.

3. MINIMUM FLYING EXPERIENCE REQUIREMENTS

	For CFI (hours)	For FII (hours)
i) Total Flying	2,500	1,500
ii) Total Solo Flying	2,000	1,200
iii) Total Instructional Flying	1,500	750
iv) Total Instructional Night Flying	25	10
v) Total Night Flying	50	30
vi) Total Instrument Flying	50	50

4. REFRESHER COURSE:

A Chief flight Instructor/ Flight Instructor In-charge of the flying club / Training Institute shall also undergo a refresher course **once in two years at IGRUA or any other Flying training Academy/Institute approved by DGCA**. This refresher course shall cover subjects as in Appendix II including all aspects of flying training, importance of flying safety and airworthiness in general as well as specific issues emerging out of past incidents / accident. The approved institute will issue certificate for the purpose. The validity of the refresher Course shall be for 2 years.

5. PROFICIENCY AND SKILL CHECKS:

- 5.1 The CFIs/FIIs will be responsible to ensure standard of proficiency failing which the renewal may be withheld by DGCA.
- 5.2 The CFI conducting the proficiency/skill check of another CFI/FII for renewal of FIR(A) shall record the same in the logbook of the CFI/FII concerned and also forward the check report to the DGCA Headquarters (Attn: Flying Training Section) which will be reviewed at the time of renewal of FIR(A).

6. PRIVILEGES

6.1 Privileges of FII

- i) To conduct student pilot's licence examination and Flight Radio Telephone Operators (Restricted).
- ii) To impart flying training to trainee pilots for the issue of Civil Flying Licences, Patter Training for the issue of Assistant Flight Instructors rating Aeroplanes (AFIR(A)) and to carry out their periodical progress checks.
- iii) To authorize flights of the aircraft operated by the institute/club/school for which he is approved.
- iv) To carry out the skill tests for issue and renewal of pilots licences.
- v) To act as overall incharge of the flying training activities of his institute / club / school.
- vi) To authenticate the entries in the pilot's log book.
- vii) To conduct standardization checks of AFIs / FIs of the institute.

6.2 Privileges of CFI

- i) To carry out patter training for the issue of FIR (A).

- ii) To carry out skill test for issue / renewal of AFIR (A) / FIR (A).
- iii) To carry out skill test for issue / renewal of Instrument Rating provided the CFI has a total instrument flying experience of at least 100 hours and his Instrument rating is current.
- iv) All privileges of FII.

6.3 Requirement for exercising privileges of CFI and FII on new additional type of aircraft:

The following are the minimum experience required to exercise the privileges on type of aircraft (AUW not exceeding 5700 kg) which is subsequently endorsed on their respective license.

6.3.1 FII or CFI obtained an additional Single engine endorsement:

- a) 10 hours of instructional flying experience on type of aircraft after endorsement.

6.3.2 FII or CFI obtained an additional Single engine endorsement on Type Variant:

- a) 05 hours of instructional flying experience on type of aircraft.

6.3.3 FII or CFI obtained 1st time multi engine endorsement:

- a) A minimum 05 hours of flying experience as PIC.
- b) A minimum 05 hours of flying under supervision of an examiner for instructional flying from RH side after endorsement.
- c) After satisfactory completion of para (a), 25 hours of instructional flying experience on type of aircraft.
- d) After the successful completion of para (a & b), release check for the examiner on type by the DGCA appointed /approved Examiners or FOI.

6.3.4 FII or CFI obtained an additional multi engine endorsement:

- a) 10 hours of instructional flying experience on type of aircraft.

6.3.5 FII or CFI obtained an additional multi engine endorsement on Type Variant:

- a) 5 hours of instructional flying experience on type of aircraft.

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Director General Civil Aviation

**APPLICATION FORM FOR APPROVAL OF
CHIEF FLIGHT INSTRUCTOR / FLIGHT INSTRUCTOR IN-CHARGE.**

1. Name :		
2. Date of Birth :		
3. Educational Qualification :		
4. Types of aircraft flown :		
5. Flying Experience :		
i)	Total Flying	
ii)	Total Solo Flying	
iii)	Total Instructional Flying	
iv)	Total Instructional Night Flying	
v)	Total Night Flying	
vi)	Total Instrument Flying	
6. Other details :		
i)	Type of professional pilots' Licence	CPL / SCPL / ALTP
ii)	Licence No.	
iii)	Valid upto	
7. Instructor's Rating :		
i)	FIR (A)No.	
ii)	Valid upto	
8. Total Number of trainee pilots sent on 1st Solo flight in a civil Flying Training Institute/Defence Training Establishment on an ab-initio trainer aircraft :		
9. Period of working under supervision of a CFI/ FII in a Civil Flying Training Institute :		
10. Brief details of accidents/incidents (if any):		
i)	Self	Yes / No
ii)	Trainees under his supervision (if 'Yes', give details)	Yes / No
11. Open rating endorsement, if any :		
12. Twin engined aeroplane flying experience, if any :		
13. Flying Club/Institute where previously and presently employed with dates of employment		

Date:

Signature:
Name:

Appendix II

SYLLABUS FOR REFRESHER COURSE

- i) Knowledge of specific Technical on Type and Mechanics of Flight.
- ii) Methods and techniques of Flying Instructions
- iii) Flight Instruments & Instrument flying
- iv) General Rules VFR, IFR
- v) Aerodrome surface Markings & Services
- vi) SIDs & STARs if applicable.
- vii) Stalls, Spin recovery at incipient stage, GPWS, Windshear
- viii) Stabilized approach, Missed approach
- ix) Forced landing without power and precautionary landings
- x) Flight Planning
- xii) Crew Resource Management (CRM)
- xiii) Pilot Navigation, Navigation at lower levels/reduced visibility and Radio Navigation, Radio Aids & R/T.
- xiv) Airmanship & Crosswind Techniques (for fixed wing aircraft only)
- xv) Essentials of sending first solo
- xvi) Night flying scenarios
